

Manhole Inspection Summary

Manhole # S35M__021MH

Printed On: 7/15/2009

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **35M** Node: **021** Status: **Found**

Insp Date: **5/5/09 10:37 AM**

Incomplete Comments

Crew: **REI2**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **LIGHT ST - IN INTERSECTION**

Cross Street: **LEE ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **CUT OFF AND REPLACED COVER; TRAFFIC CONTROL AND MAN ENTRY WAS REQUIRED TO COMPLETE INSPECTION;**

Cover

Shape: **Circular**

Diameter: **30** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☐ Exists

Material:

☐ Parged

Height: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Rectangular** Diameter: **68** (in.) Length: **72** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☐ Exists Material:

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **5** Missing: **4** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge**

Depth: **8** (ft.) ☐ Active Surcharge Present

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Location View



Top View



MISC.



CUT OFF COVER TO INSPECT

Defect 5



INFILTRATION @ BARREL WALL, LEFT SIDE OF PHOTO

Defect 4



INFILTRATION @ CORBEL/BARREL JOINT

Defect 3



DETERIORATION/ENCRUSTATION OF BARREL BRICKS

Defect 2



EVIDENCE OF SURCHARGE

Defect 1



CORRODED AND MISSING STEPS

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66 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **66** (in.) Rod and Bar (Angled)
Pipe Material: **Concrete** ☐ Pipe Lined
Invert Depth: **18.20** (ft.) Flow Characteristics: **Fast**
Deposits: ☐ None ☐ Mud ☒ Sludge ☒ Debris ☐ Grease
Silt Depth: **10** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

15 in. Circular Gravity Sewer
Pipe In @ 5 O'Clock

5 O'Clock Inflow



Pipe Height: **15.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **11.40** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☒ Sludge ☐ Debris ☒ Grease
Silt Depth: **4** (in.) Deposits Extent: **Medium**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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66 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **66** (in.) Rod and Bar (Angled)

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **17.85** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection